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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Farb et al.  
Serial No. : 09/652,345  
Filed : August 31, 2000  
Title : EFFECT OF STEROIDS ON NMDA RECEPTORS DEPENDS ON SUBUNIT COMPOSITIONS

Art Unit : 1646  
Examiner : R. Li

TECH CENTER 1600/2900

**BOX AF**

Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO ADVISORY ACTION

Applicants filed a notice of appeal on December 9, 2002. In response to the advisory action mailed December 11, 2002, please amend the application as follows:

In the claims:

Please cancel claims 3, 5-6, 8-11 and 58-65.

Please amend claims 1, 4 and 7 as follows. (All the pending claims, whether or not amended, are reproduced below for the Examiner's convenience.)

-- 1. (Twice Amended) A method for identifying a subunit specific modulator of the N-methyl-D-aspartate (NMDA) receptor, comprising:

a) providing a plurality of recombinant NMDA receptors which differ in their subunit identity, wherein the plurality of NMDA receptors have identical NR2 subunits and differ in NR1 subunits, and wherein at least one NR1 subunit is an isoform with amino acid substitution mutations that correspond to mutations R182A, K193A, K202A, R233A, and R252A of NR1011;

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 3, 2003  
Date of Deposit

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